

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
Phone No. (512) 322-2212 Fax No. (512) 463-6693

PRODUCT EVALUATION DR-672

Effective Date: March 1, 2014
Reevaluation Date: **June 2016**

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.*

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

Premium Atlantic Vinyl (3100) Outswing Patio Doors, Impact Resistant, manufactured by

JELD-WEN Windows & Doors
3737 Lakeport Blvd.
Post Office Box 1329
Klamath Falls, Oregon 97601
Telephone: (541) 882-3451

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Premium Atlantic Vinyl (3100) Outswing Patio Doors	Maximum Size Tested: 3'0" x 8'0"	+50 / -50 psf

Product Dimensions:

System	Overall Size	Panel Size	Daylight Opening Size
1	36.25" x 95.50"	34.00" x 93.00"	24.25" x 83.25"

Hardware:

- Hinges; Three required; Secured to the door panel with four No. 8 x 1" screws. Secured to the door jamb with two No. 10 x 2" screws and two No. 8 x 1" screws.
- 3-point locking system by Hoppe; Located on the door panel stile.
- Latch and deadbolt strike plate; One required; Located on the door jamb; Secured with two No. 8 x 1-1/2" screws and one No. 8 x 1" screw.
- Shoot bolt strike plates; Two required; Located at the head and the sill; Secured with two No. 8 x 3/4" screws.

Threshold:

- Extruded aluminum threshold; 0.970" high snapped on top of the sill.

Product Identification (Certification Agency Label on Door):

System		
1	Certification Agency	NAMI
	Manufacturer's Name or Code Name	JELD-WEN Window Division
	Product Name	Premium Atlantic Vinyl 3100 Swinging Patio Door
	Test Standards	TAS 201 / TAS202 / TAS 203

Impact Resistance:

Impact Resistant	Requirement
Yes	These products satisfy the Texas Department of Insurance's criteria for protection from windborne debris in the Inland I and Seaward zone . The assemblies may be installed at any height on the structure as long as the design pressure rating for the assemblies is not exceeded.

Installation: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The door is secured to the wall framing with minimum No. 8 x 1-1/2" screws. At the head and sill, one fastener is required at the mid span. Along the lock jambs, one fastener is required approximately 6 inches from each end, one at the mid span between the top screw and the strike plate, and two into the strike plate. Along the hinge jamb, the door is secured with the fasteners through the hinges as specified in the hardware section. The fasteners shall be long enough to penetrate a minimum of 1 1/2 inches into the wall framing members. The frame shall be sealed with silicone.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.